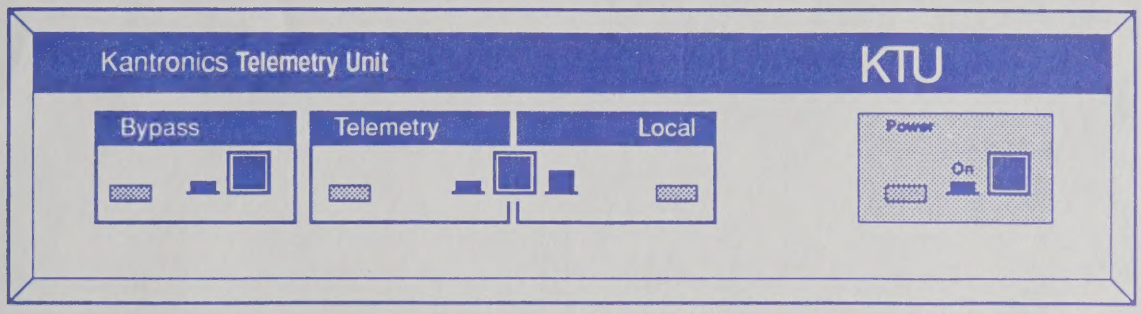


ACTUAL SIZE

KTU with WEATHERNODE EPROM

The Kantronics Telemetry Unit (KTU) with WEATHERNODE EPROM lets you put the weather at your fingertips. Just connect the WEATHERNODE to an existing TNC and the supplied temperature sensor, and all users in your Local Area Network (LAN) can gain instant access to the temperature.

Add the optional Weathervane and they can also read wind speed and wind direction. The WEATHERNODE connects to the serial port of your TNC, and may also be connected to your computer serial port. Front panel switches allow for Local programming of the WEATHERNODE from the computer, connecting the WEATHERNODE Telemetry to the TNC, or Bypassing the KTU to inter-connect your computer and TNC.

For those interested in weather watch programs, this is the ideal application for that unused serial port on your local area digipeater. Just add a WEATHERNODE to each site, and you can gather current conditions around the area. The WEATHERNODE also stores data, so histories of past readings are also available, allowing you to plot trends over time on your computer.

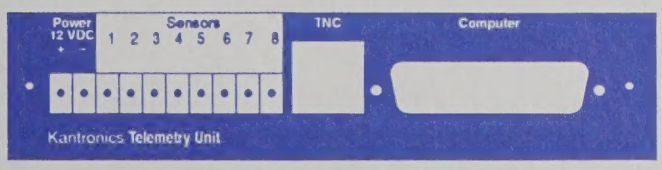
The default program makes installation easy, the WEATHERNODE can be on the air in minutes. Simply connect the sensors to a rear panel terminal strip, and connect the TNC with the supplied cable.

The WEATHERNODE can also be accessed remotely (with proper password) and re-programmed for site-specific needs.

The KTU WEATHERNODE brings the weather to your LAN.

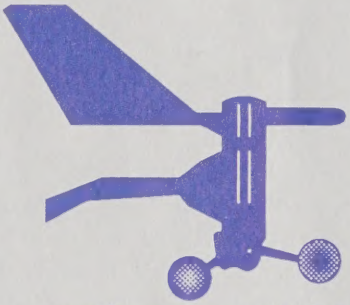
Suggested Retail $299.00

BACK PANEL



Features

- WEATHERNODE EPROM supports temperature, wind speed and wind direction sensors
- One temperature sensor included
- Weathervane (anemometer) for wind speed and direction is optional (see below)
- Accepts up to 7 sensors
- Barrier strip for sensor inputs supplied
- Works with network nodes
- Multi-connect capability
- Remote access to WEATHERNODE commands (for authorized users)
- Connects to any TNC
- Cable supplied for WEATHERNODE to TNC connection
- Power requirements: 12 VDC at <45 ma.
- Made in U.S.A.



weathervane not included

Options from the factory

- Weathervane (shown) required for wind speed and wind direction. Suggested retail $110.00
- Future EPROMS planned for other applications

Kantronics
RF Data Communications Specialists
1202 E. 23rd Street, Lawrence, KS 66046
(913) 842-7745
FAX (913) 842-2021 BBS (913) 842-4678

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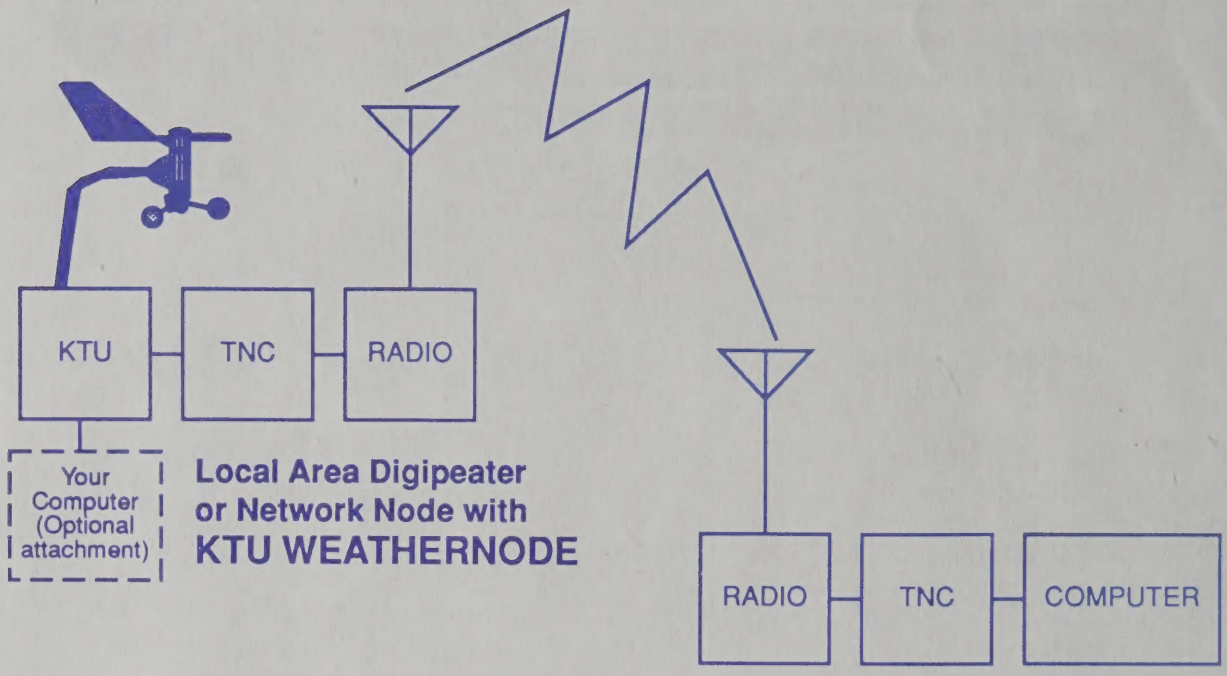

Typical Installation

Connecting your WEATHERNODE into an existing Local Area Network is easy. Just connect the supplied cable from the WEATHERNODE to your TNC. If you already have a computer or terminal connected, simply move that cable to the Computer connection on the back of the WEATHERNODE.

Once installed, a user simply connects to the WEATHERNODE and asks for data. Simply entering a data command (D) with no options will cause the WEATHERNODE to give the user the last reading for each sensor attached.

Changing the configuration or the sampling programs is easy, and can be done remotely by an authorized user. Simply connect to the WEATHERNODE, and with proper verification, you can set the WEATHERNODE parameters.

The WEATHERNODE even supports multiple users simultaneously (if the TNC is configured for multi-user support) regardless of the make of TNC.

Now you can enhance the capabilities of your local weather watch program by installing the WEATHERNODE at several sites, and obtain the most up-to-date weather conditions on demand.

Program in KTU Weathernode

```
KANTRONICS TELEMETRY UNIT V1
(C) COPYRIGHT 1990 KANTRONICS INC.
wxn:DAY 900316113525
wxn:DAY
DAYTIME  03/16/90  11:35:27
wxn:PROGRAM R1M V9 R10S T R1S WD WS
wxn:
```

User's Computer Screen Display

```
***CONNECTED TO WDØEMR
wxn:DATA T 3 1
3/16/90  11:37:18 TF = 0064.2 DEGF
3/16/90  11:37:08 TF = 0064.2 DEGF
3/16/90  11:36:58 TF = 0064.0 DEGF
wxn:DATA WD 3 3
3/16/90  11:38:11 WD = 00215 DEGN
3/16/90  11:38:08 WD = 00215 DEGN
3/16/90  11:38:05 WD = 00220 DEGN
wxn:DATA WS 2 3
3/16/90  11:38:36 WS = 00023MPH
3/16/90  11:38:33 WS = 00023MPH
wxn:DATA V9 5 1
3/16/90  11:37:58 V  = 13.750 V
3/16/90  11:36:58 V  = 13.650 V
```

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